

## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : KYOCERA CORP

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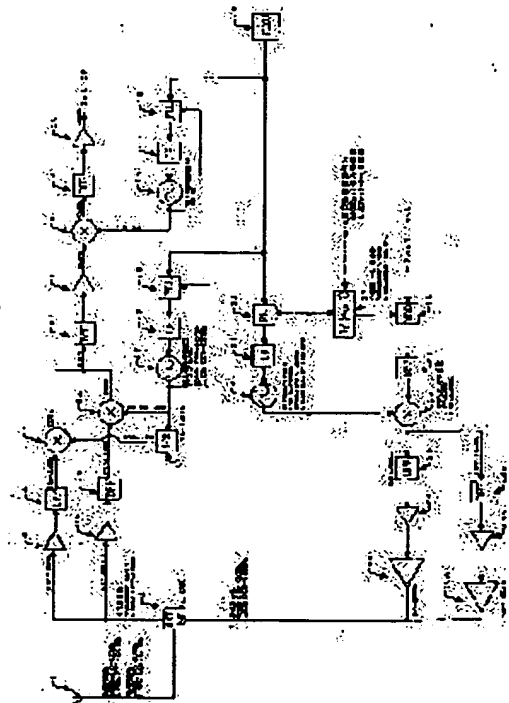
(72)Inventor : SOTONO TAKASHI

### (54) RADIO COMMUNICATION UNIT

#### (57)Abstract:

**PROBLEM TO BE SOLVED:** To attain reduction in size and low power consumption, by using a shared circuit to use a 1st local oscillating frequency for reception and a 2nd local oscillation frequency for transmission in common which is required for respective frequency bands, with respect to a dual band radio communication unit.

**SOLUTION:** The radio communication unit, that sends/receives a radio signal with a 1st wireless frequency band and a radio signal with a 2nd radio frequency band, is such that the output frequency of a reception use local oscillation circuit is supplied to a 1st mixer circuit, and the output frequency of a transmission use local oscillation circuit is supplied to a 2nd mixer circuit via a frequency divider.



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